

LABORATORY REPORT

Prepared For: GPL Laboratories Project: Omega Chemical OU-2 SSID-BC

Omega Chemical 335392.FI.01

7210-A Corporate Court Frederick, MD 21703 Attention: Dave Howell

Sampled: 07/13/07 Received: 07/13/07

Issued: 07/24/07 18:05

NELAP #01108CA California ELAP#1197 CSDLAC #10256

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

CLIENT ID	MATRIX
OC2-MW23A-W-0-595	Water
OC2-MW23D-W-0-596	Water
OC2-MW23C-W-0-597	Water
OC2-MW23B-W-0-598	Water
OC2-MW29-W-0-599	Water
	OC2-MW23A-W-0-595 OC2-MW23D-W-0-596 OC2-MW23C-W-0-597 OC2-MW23B-W-0-598

Reviewed By:

TestAmerica - Irvine, CA

Then K. Brenns

Trevor Brenner Client Services Manager



7210-A Corporate Court Omega Chemical 335392.FI.01 Sampled: 07/13/07 Frederick, MD 21703 Report Number: IQG1213 Received: 07/13/07

Attention: Dave Howell

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQG1213-01 (OC2-MW23A-	W-0-595 - Water)							
Reporting Units: ug/l N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G17059	0.0019	0.0022	0.971	7/17/2007	7/19/2007	
Sample ID: IQG1213-02 (OC2-MW23D-	W-0-596 - Water)							
Reporting Units: ug/l N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G17059	0.0020	ND	0.99	7/17/2007	7/19/2007	
Sample ID: IQG1213-03 (OC2-MW23C-	W-0-597 - Water)							
Reporting Units: ug/l N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G17059	0.0019	ND	0.971	7/17/2007	7/19/2007	
Sample ID: IQG1213-04 (OC2-MW23B-	W-0-598 - Water)							
Reporting Units: ug/l N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G17059	0.0019	ND	0.971	7/17/2007	7/19/2007	
Sample ID: IQG1213-05 (OC2-MW29-W	-0-599 - Water)							
Reporting Units: ug/l N-Nitrosodimethylamine	EPA 1625C-CI Mod	7G17059	0.0019	ND	0.952	7/17/2007	7/19/2007	



Project ID: Omega Chemical OU-2 SSID-BC

7210-A Corporate Court

Omega Chemical 335392.FI.01

Frederick, MD 21703 Attention: Dave Howell Report Number: IQG1213

Sampled: 07/13/07 Received: 07/13/07

		INOR	GANICS					
Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQG1213-01 (OC2-MW23A-W Reporting Units: mg/l	/-0-595 - Water)							
Chemical Oxygen Demand	EPA 410.4	7G17101	20	ND	1	7/17/2007	7/17/2007	
Chromium VI	EPA 218.6	7G13133	0.00030	0.024	1	7/13/2007	7/13/2007	
Sample ID: IQG1213-02 (OC2-MW23D-W Reporting Units: mg/l	,							
Chromium VI	EPA 218.6	7G13133	0.00030	0.0050	1	7/13/2007	7/13/2007	
Sample ID: IQG1213-03 (OC2-MW23C-W Reporting Units: mg/l	/-0-597 - Water)							
Chromium VI	EPA 218.6	7G13133	0.00030	0.00082	1	7/13/2007	7/13/2007	
Sample ID: IQG1213-04 (OC2-MW23B-W Reporting Units: mg/l	7-0-598 - Water)							
Chromium VI	EPA 218.6	7G13133	0.00030	0.015	1	7/13/2007	7/13/2007	
Sample ID: IQG1213-05 (OC2-MW29-W-	0-599 - Water)							
Reporting Units: mg/l	ED. 440.4	= 0.1=10.1	•			-4-1000	- /4 - /2 0 0 -	
Characian VI	EPA 410.4	7G17101	20	ND ND	1	7/17/2007 7/13/2007	7/17/2007	
Chromium VI	EPA 218.6	7G13133	0.00030	ND	1	//13/200/	7/13/2007	



7210-A Corporate Court Omega Chemical 335392.FI.01 Sampled: 07/13/07

Frederick, MD 21703 Report Number: IQG1213 Received: 07/13/07

Attention: Dave Howell

CDHS SRL 524 MODIFIED METHOD FOR 1,2,3-TRICHLOROPROPANE PT/GCMS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQG1213-01 (OC2-MW23A-V Reporting Units: ng/L 1,2,3-Trichloropropane (123-TCP)	W-0-595 - Water) SRL 524M-123TCP	C7G1702	5.0	ND	1	7/17/2007	7/17/2007	
Sample ID: IQG1213-02 (OC2-MW23D-V		C/G1/03	3.0	ND	1	//1//2007	//1//2007	
1,2,3-Trichloropropane (123-TCP) Sample ID: IQG1213-03 (OC2-MW23C-V	SRL 524M-123TCP W-0-597 - Water)	C7G1703	5.0	ND	1	7/17/2007	7/17/2007	
Reporting Units: ng/L 1,2,3-Trichloropropane (123-TCP)	SRL 524M-123TCP	C7G1703	5.0	ND	1	7/17/2007	7/17/2007	
Sample ID: IQG1213-04 (OC2-MW23B-V Reporting Units: ng/L	,	~~~						
1,2,3-Trichloropropane (123-TCP) Sample ID: IQG1213-05 (OC2-MW29-W	SRL 524M-123TCP -0-599 - Water)	C/G1807	5.0	ND	1	7/18/2007	7/18/2007	
Reporting Units: ng/L 1,2,3-Trichloropropane (123-TCP)	SRL 524M-123TCP	C7G1807	5.0	ND	1	7/18/2007	7/18/2007	



7210-A Corporate Court Omega Chemical 335392.FI.01 Sampled: 07/13/07 Frederick, MD 21703 Report Number: IQG1213 Received: 07/13/07

Attention: Dave Howell

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: OC2-MW23A-W-0-595 (IQG121	3-01) - Water				
EPA 218.6	1	07/13/2007 08:00	07/13/2007 15:20	07/13/2007 17:15	07/13/2007 20:53
Sample ID: OC2-MW23D-W-0-596 (IQG121	3-02) - Water				
EPA 218.6	1	07/13/2007 09:00	07/13/2007 15:20	07/13/2007 17:15	07/13/2007 20:03
Sample ID: OC2-MW23C-W-0-597 (IQG121	3-03) - Water				
EPA 218.6	1	07/13/2007 09:30	07/13/2007 15:20	07/13/2007 17:15	07/13/2007 20:14
Sample ID: OC2-MW23B-W-0-598 (IQG121	3-04) - Water				
EPA 218.6	1	07/13/2007 10:00	07/13/2007 15:20	07/13/2007 17:15	07/13/2007 20:26
Sample ID: OC2-MW29-W-0-599 (IQG1213-	-05) - Water				
EPA 218.6	1	07/13/2007 11:10	07/13/2007 15:20	07/13/2007 17:15	07/13/2007 20:37



Project ID: Omega Chemical OU-2 SSID-BC Omega Chemical 335392.FI.01

7210-A Corporate Court Frederick, MD 21703 Attention: Dave Howell

Report Number: IQG1213

Sampled: 07/13/07

Received: 07/13/07

METHOD BLANK/QC DATA

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

	D 1	Reporting	T T •4	Spike	Source	A/ DEG	%REC	DDD	RPD	Data
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifiers
Batch: 7G17059 Extracted: 07/17/07										
Blank Analyzed: 07/19/2007 (7G17059-	BLK1)									
N-Nitrosodimethylamine	ND	0.0020	ug/l							
LCS Analyzed: 07/19/2007 (7G17059-B	S1)									MNR1
N-Nitrosodimethylamine	0.0107	0.0020	ug/l	0.0100		107	60-140			
LCS Analyzed: 07/19/2007 (7G17059-B	S2)									
N-Nitrosodimethylamine	0.00208	0.0020	ug/l	0.00200		104	60-140			
LCS Dup Analyzed: 07/19/2007 (7G170	59-BSD1)									
N-Nitrosodimethylamine	0.00998	0.0020	ug/l	0.0100		100	60-140	7	30	



7210-A Corporate Court Frederick, MD 21703 Attention: Dave Howell Project ID: Omega Chemical OU-2 SSID-BC

Omega Chemical 335392.FI.01

Report Number: IQG1213

Sampled: 07/13/07 Received: 07/13/07

METHOD BLANK/QC DATA

INORGANICS

		Reporting		Spike	Source		%REC		RPD	Data
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifiers
Batch: 7G13133 Extracted: 07/13/07										
Blank Analyzed: 07/13/2007 (7G13133-I Chromium VI	BLK1) ND	0.00030	mg/l							
LCS Analyzed: 07/13/2007 (7G13133-B: Chromium VI	S1) 0.0483	0.00030	mg/l	0.0500		97	90-110			
Matrix Spike Analyzed: 07/13/2007 (7G	13133-MS1)				Source: I	QG1213-0	15			
Chromium VI	0.0501	0.00030	mg/l	0.0500	ND	100	90-110			
Matrix Spike Dup Analyzed: 07/13/2007	7 (7G13133-M	(SD1)		Source: IQG1213-05						
Chromium VI	0.0505	0.00030	mg/l	0.0500	ND	101	90-110	1	10	
Batch: 7G17101 Extracted: 07/17/07										
Blank Analyzed: 07/17/2007 (7G17101-1	BLK1)									
Chemical Oxygen Demand	ND	20	mg/l							
LCS Analyzed: 07/17/2007 (7G17101-B	S1)									
Chemical Oxygen Demand	510	20	mg/l	500		102	90-110			
Matrix Spike Analyzed: 07/17/2007 (7G	17101-MS1)				Source: I	QG1106-0	12			
Chemical Oxygen Demand	520	20	mg/l	500	32.8	97	70-120			
Matrix Spike Dup Analyzed: 07/17/2007	7 (7G17101-M	SD1)			Source: I	QG1106-0	2			
Chemical Oxygen Demand	519	20	mg/l	500	32.8	97	70-120	0	15	



Project ID: Omega Chemical OU-2 SSID-BC

Omega Chemical 335392.FI.01

Frederick, MD 21703 Attention: Dave Howell

7210-A Corporate Court

Report Number: IQG1213

Sampled: 07/13/07

Received: 07/13/07

METHOD BLANK/QC DATA

CDHS SRL 524 MODIFIED METHOD FOR 1,2,3-TRICHLOROPROPANE PT/GCMS

		Reporting		Spike	Source		%REC		RPD	Data
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifiers
Batch: C7G1703 Extracted: 07/17/07										
Blank Analyzed: 07/17/2007 (C7G1703-E	DI 1/21)									
1,2,3-Trichloropropane (123-TCP)	ND	5.0	ng/L							
LCS Analyzed: 07/17/2007 (C7G1703-BS	51)									
1,2,3-Trichloropropane (123-TCP)	4.92	5.0	ng/L	5.00		98	80-120			
Matrix Spike Analyzed: 07/17/2007 (C7C	G1703-MS1)				Source: C	CQG0475-	01			
1,2,3-Trichloropropane (123-TCP)	45.7	5.0	ng/L	50.0	ND	91	52-135			
Matrix Spike Dup Analyzed: 07/17/2007	(C7G1703-MS	SD1)			Source: C	QG0475-	01			
1,2,3-Trichloropropane (123-TCP)	50.7	5.0	ng/L	50.0	ND	101	52-135	10	27	
Batch: C7G1807 Extracted: 07/18/07										
Blank Analyzed: 07/18/2007 (C7G1807-E	BLK1)									
1,2,3-Trichloropropane (123-TCP)	ND	5.0	ng/L							
LCS Analyzed: 07/18/2007 (C7G1807-BS	51)									
1,2,3-Trichloropropane (123-TCP)	5.02	5.0	ng/L	5.00		100	80-120			
Matrix Spike Analyzed: 07/18/2007 (C7C	G1807-MS1)				Source: C	CQG0466-	01RE1			
1,2,3-Trichloropropane (123-TCP)	42.9	5.0	ng/L	50.0	ND	86	52-135			
Matrix Spike Dup Analyzed: 07/18/2007	(C7G1807-MS	SD1)			Source: C	CQG0466-	01RE1			
1,2,3-Trichloropropane (123-TCP)	53.0	5.0	ng/L	50.0	ND	106	52-135	21	27	



7210-A Corporate Court Omega Chemical 335392.FI.01 Sampled: 07/13/07 Frederick, MD 21703 Report Number: IQG1213 Received: 07/13/07

Attention: Dave Howell

DATA QUALIFIERS AND DEFINITIONS

MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike

Duplicate.

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference



7210-A Corporate Court Omega Chemical 335392.FI.01 Sampled: 07/13/07 Frederick, MD 21703 Report Number: IQG1213 Received: 07/13/07

Attention: Dave Howell

Certification Summary

TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EPA 1625C-CI Mod	Water		
EPA 218.6	Water	X	X
EPA 410.4	Water	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

Subcontracted Laboratories

TestAmerica - Ontario, CA California Cert #1169, Arizona Cert #AZ0062, Nevada Cert #CA-242

1014 E. Cooley Drive, Suite AB - Colton, CA 92324 Method Performed: SRL 524M-123TCP

Samples: IQG1213-01, IQG1213-02, IQG1213-03, IQG1213-04, IQG1213-05

Test/America ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY FORM

Analysis Required

Special Instructions

Hex CC

12,3-TEP

Phone Number: 213 - 228 - 827!

Fax Number:

Omega Chemical

3 Hutton Centre Drive, Suite 200

Client Name/Address:

CHEMHILL

Froject Manager: Dan Jablonski

Project/PO Number:

AMQU

Sampling | Sampling | Preservatives Date | Time

of Cont.

Container Type

Sample Matrix

Sample Description

Sampler

3

002- MW23A-W-0-595 9P2-0-W-3D-W-0-596

X

X X

X

JAP /

7.13.07 0300

X X

X

X

X

X X

X X

8

000 읟

٥ و و

> CC2- MW22C-W-0-597 0C2 - MU238 - W.O. 598

002- MW29-W-0-599

Γ

9400

oţ O

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3299 1014 E. Cooley Dr., Suite A. Colton CA 92324 (909) 370-4687 FAX (909) 370-1046 9830 South 51st St., Suite B-12D. Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 796-3620 FAX (702) 798-3628

Sample Integrity: (Check) Turnaround Time: same day 24 hours 48 hours intact 13/67 $\overline{co}D$ X Date/Time: Date//Time

6/1/16

5 days normal

(Check)

Received By:

Date/Time:

Date/Time:

7.13.07

5ate/Time: 13/67

Belinquished By:

Relinquished By:

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analyses Performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.